DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In Accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Brian S. Boutin, PG Phone: 919-366-3663 (office); 919-995-0363 (cell)

E-mail: bboutinpg@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
C&D Landfill, Inc.	802 Recycling Lane Greenville, NC 27834-9807	74-07	.0500	May 8, 2008

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify)

Notification attached?

☐ No. No groundwater or surface water standards or explosive methane gas limits were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Brian S. Boutin, PG	Consultant for Facility	919-366-3663 (office); 919-995-0363 (cell)
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Signature	9/24/2008 Date	Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 1268 GEOLOGIST BRIAN S. BOUTIN

Revised 10/2006

Explanatory Text for Notification Table
C&D Landfill, Inc.
Greenville, Pitt County, NC
Permit # 74-07
May 8, 2008 Water Quality Monitoring

The results of the May 8, 2008 monitoring indicate that numerous compounds (both inorganic and organic) were reported in the groundwater and surface water samples, although generally at concentrations well below the corresponding groundwater quality standards. It is noted that the turbidity of groundwater measured at monitoring wells MW-1s, MW-3d, MW-4, MW-5, MW-7 and MW-8 in May 2008 were significantly elevated in comparison to the generally accepted standard of less than 10 NTU. Similar elevated turbidity values were measured in some of the groundwater samples collected in November 2007, suggesting that the groundwater sampling method (disposable bailers) may be contributing to elevated turbidity of samples collected from the wells. It is likely that the turbid condition of the groundwater samples collected at these locations contributed to the detection of metals in these samples, potentially resulting in an over-reporting of the actual values of dissolved metals in the samples. The effects of turbidity on the detection of inorganic compounds are well-documented at this site. A change to a low-flow sampling methodology may be warranted to minimize the disturbance of groundwater during well purging and sample collection, thereby also minimizing the turbidity of the samples collected from the wells.

The May 2008 monitoring results indicate that benzene and 1,2-Dichloroethane were reported in the groundwater sample from monitoring well MW-3s at concentrations of 0.0011 mg/L and 0.0004 mg/L, respectively. Both reported values slightly exceed the corresponding NC 2L groundwater quality standards (0.001 mg/L and 0.00038 mg/L, respectively). Several other dissolved-phase volatile organic compounds were also reported in groundwater samples collected from the site (including the sample from MW-3s), but at concentrations significantly below applicable regulatory standards.

Cobalt was reported at concentrations exceeding the SWS groundwater protection standard of 0.002 mg/L in the groundwater samples collected from monitoring wells MW-3d, MW-7 and MW-8. It is noted that the turbidity of these samples measured in the field were the highest of all samples collected in May 2008. Therefore, it is likely that the highly turbid conditions of these samples contributed to the elevated cobalt concentrations reported for the samples (see discussion above regarding turbidity). Lead was reported at a concentration of 0.025 mg/L in surface water sample SW-1, which exceeds the NC 2L groundwater standard of 0.015 mg/L. Vanadium was reported at a concentration of 0.040 mg/L in surface water sample SW-1, which exceeds the SWS groundwater protection standard of 0.025 mg/L. It is noted that SW-1 is a background surface water quality location.

Based on the results of the May 2008 compliance monitoring, no amendments to the monitoring program appear warranted at this time. The next water-quality monitoring event at the site is scheduled for November 2008. After the next sampling event, trends may (or may not) begin to emerge, and further evaluations of the data will be conducted.

David Garrett & Associates
Engineering and Geology

September 24, 2008

Ms. Jackie Drummond
NC Division of Waste Management
Solid Waste Section
Mail Service Center 1646
Raleigh, NC 27699-1646

RE: Semi-Annual Water Quality Monitoring Report
C&D Landfill, Inc. (Pitt County, NC)
Permit #74-07

Dear Ms. Drummond:

On behalf of C&D Landfill, Inc., I am pleased to present this report of the fifteenth semi-annual water quality monitoring event for the site referenced above. Stream and well sampling was conducted on May 8, 2008 by Environment-1, Inc.

- Shallow wells sampled during this event include MW-1s (background), MW-2s, MW-3s, MW-4, MW-5, MW-6, MW-7 and MW-8.

- Deep wells MW-1d (background) and MW-2d and MW-3d were sampled during this event.

- It is noted that monitoring wells MW-3s (installed August 2007) and MW-3d replace monitoring wells MW-9s and MW-9d beginning with the November 2007 sampling. The latter wells were installed in the currently permitted portion of the landfill that is now being used for disposal. Wells MW-9s and MW-9d were properly closed in August 2007.

- Surface water samples were collected from three locations, SW-1, SW-2 and SW-3, during this event.

- The monitoring program has been in place since May 2001, but MW-5, MW-8, MW-9s, MW-9d and SW-3 were first sampled in November 2002 for the opening of Phase 1B.

5105 Harbour Towne Drive • Raleigh • North Carolina • 27604
919-418-4375 (Mobile) • 919-231-1818 (Office fax) • E-mail: david@davidgarrettpe.com

The data are presented on the attached tables. Table 1 is a summary of well construction and recent water level data trends. Table 2 is the continuum of analytical data collected at the site, along with field parameters including the water level observations. Table 3 is a list of the chemical analytes, along with their respective CAS numbers.

Table 1 shows that water elevations measured at the wells gauged in May 2008 are approximately one foot higher on average as compared to those measured during the previous sampling event. The water levels observed during this event are consistent with average water level elevations at the site. The data do not suggest any unusual water level fluctuations.

A discussion of inorganic constituents detected during this sampling event follows:

Antimony - Detected at MW-1s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8 and SW-1 at concentrations below the SWS groundwater protection standard of 0.0014 mg/L (no NC 2L standard has been established).

Arsenic - Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.05 mg/L.

Barium - Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 2.0 mg/L.

Beryllium - Detected at MW-1s, MW-2s, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the SWS groundwater protection standard of 0.004 mg/L (no NC 2L standard has been established).

Cadmium - Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.005 mg/l.

Chromium - Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.050 mg/L.

Cobalt - Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3. Concentrations detected at MW-3d, MW-7 and MW-8 exceed the SWS groundwater protection standard of 0.002 mg/L (no NC 2L standard has been established).

Copper	-	Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 1.0 mg/L.
Lead	-	Detected at MW-1s, MW-2s, MW-2d, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.015 mg/L. The concentration of lead reported for surface water sample SW-1 (0.025 mg/L) exceeds the NC 2L groundwater quality standard.
Nickel	-	Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.100 mg/L.
Selenium	-	Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.050 mg/L.
Silver	-	Detected at MW-1s, MW-2s, MW-2d, MW-3d, MW-4, MW-5, MW-6, SW-1 and SW-3 at concentrations below the NC 2L standard of 0.0175 mg/L.
Thallium	-	Detected at MW-1s, MW-2s, MW-3d, MW-4, MW-5, MW-6, MW-7 and SW-1 at concentrations below the SWS groundwater protection standard of 0.00028 mg/L (no NC 2L standard has been established).
Vanadium	-	Detected at MW-1s, MW-1d, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-2 and SW-3 at concentrations below the SWS groundwater protection standard of 0.025 mg/L (no NC 2L standard has been established). . The concentration of vanadium reported for surface water sample SW-1 (0.040 mg/L) exceeds the SWS groundwater protection standard.
Zinc	-	Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 2.1 mg/L.

A discussion of volatile organic constituents detected during this sampling event follows:

Acetone	-	Detected at MW-1s, MW-1d, MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5 MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.1 mg/L. The concentrations of acetone reported for all samples are of similar concentration indicating that it was introduced to the samples during preparation for analysis in the laboratory.
Benzene	-	Detected at MW-8 at a concentration below the NC 2L standard of 0.001 mg/L. Detected at MW-3s (0.0011 mg/L) at a concentration slightly exceeding the NC 2L standard.

2-butanone	-	Detected at MW-1s, MW-2d, MW-3d, MW-4, MW-8, SW-1 and SW-2 at concentrations below the NC 2L standard of 4.2 mg/L.
Chloromethane	-	Detected at MW-1d, MW-3d, MW-4, MW-6 and SW-2 at concentrations below the NC 2L standard of 2.8 mg/L.
1,2-Dichloroethane	-	Detected at MW-3s (0.0004) at a concentration slightly above the NC 2L standard of 0.00038 mg/L.
Cis-1,2-Dichloroethene	-	Detected at MW-3s and MW-8 at concentrations below the NC 2L standard of 0.070 mg/L.
Ethylbenzene	-	Detected at MW-3s at a concentration below the NC 2L standard of 0.550 mg/L.
Methylene Chloride	-	Detected at MW-2s, MW-2d, MW-3s, MW-3d, MW-4, MW-5, MW-6, MW-7, MW-8, SW-1, SW-2 and SW-3 at concentrations below the NC 2L standard of 0.0046 mg/L.
Toluene	-	Detected at MW-3s at a concentration below the NC 2L standard of 1.0 mg/L.

The results of the May 8, 2008 monitoring indicate that numerous compounds (both inorganic and organic) were reported in the groundwater and surface water samples, although generally at concentrations well below the corresponding groundwater quality standards. It is noted that the turbidity of groundwater measured at monitoring wells MW-1s, MW-3d, MW-4, MW-5, MW-7 and MW-8 in May 2008 were significantly elevated in comparison to the generally accepted standard of less than 10 NTU. Similar elevated turbidity values were measured in some of the groundwater samples collected in November 2007, suggesting that the groundwater sampling method (disposable bailers) may be contributing to elevated turbidity of samples collected from the wells. It is likely that the turbid condition of the groundwater samples collected at these locations contributed to the detection of metals in these samples, potentially resulting in an over-reporting of the actual values of dissolved metals in the samples. The effects of turbidity on the detection of inorganic compounds are well-documented at this site. A change to a low-flow sampling methodology may be warranted to minimize the disturbance of groundwater during well purging and sample collection, thereby also minimizing the turbidity of the samples collected from the wells.

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compounds were also reported in groundwater samples collected from the site (including the sample from MW-3s), but at concentrations significantly below applicable regulatory standards.

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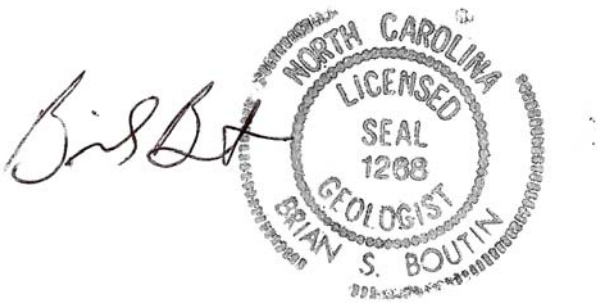
Please contact me at your earliest convenience with questions or comments.

Sincerely,



Brian S. Boutin, P.G.

cc: G. David Garrett, P.G., P.E.
Mr. Judson Whitehurst – C&D Landfill, Inc.
Mr. John A.K. Tucker, P.E.

Table 1
Monitoring Well Water Level Data
Sampling Date: 11/16/07

Monitoring Location	TOC Elevation	Ground Elevation	Depth of Well (bgs)	Screened Interval (bgs)	Water Level [1]	Water Level [2]
MW-1d (B-1)[3,4]	21.14	17.40	50	40 - 50	NA	8.90
						12.24
MW-1s [3]	20.91	17.59	13	3 - 13	9.88	9.86
					11.03	**11.05**
MW-2d (B-2d) [4]	21.80	17.97	49	39 - 49	NA	12.28
						9.52
MW-2s	21.44	18.45	13	3 - 13	11.88	10.51
					9.56	**10.93**
MW-3s[5]	*NA*	*NA*	18	8 - 18	12.74	12.00
					NA	***NA***
MW-3d[4]	22.83	19.37	50	40 - 50	13.75	12.50
					9.08	**10.33**
MW-4	18.42	14.83	13	3 - 13	7.68	6.58
					10.74	**11.84**
MW-5	17.90	14.80	18	3 - 18	7.43	6.60
					10.47	**11.30**
MW-6	20.03	16.87	13	3 - 13	10.38	9.45
					9.65	**10.58**
MW-7	19.40	16.03	13	3 - 13	9.42	8.40
					9.98	**11.00**
MW-8	21.21	18.30	18	3 - 18	10.58	9.86
					10.63	**11.35**

Notes:
1. Last Semi-Annual Event, depth / **elevation**, reference top of casing (TOC), recorded on 11/16/08
2. This Semi-Annual Event, depth / **elevation**, reference top of casing (TOC), recorded on 5/8/08
3. Up-gradient Background Well for each respective aquifer
4. Sample Bi-annually, all others sample semi-annually except as noted
5. Top of casing and ground elevations not currently available for MW-3s
6. Elevations were surveyed July 2001and November 2002 by Burgess Land Surveying, Greenville, NC

Table 2
Detected Constituents

All values are given in mg/l (ppm)

Bold data represent duplicates or resampling events, if required.
Italics represents values that exceed North Carolina 2L Ground Water Standards

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Antimony	0.006	0.0014	NE	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07														
				11/16/07				0.0004	0.0001				0.0002					
				5/8/08	0.0002					0.0001	0.0001	0.0005	0.0002	0.0002	0.0001	0.0002		
Arsenic	0.010	NE	0.05	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03											0.013			
				11/13/03														
				5/20/04														
				11/05/04									0.014					
				5/31/05														
				11/04/05									0.022					
				5/30/06														
				11/02/06														
				5/16/07									0.013					
				11/16/07		0.0008		0.0042	0.0067	0.0006	0.0013	0.0053	0.016	0.0064			0.002	0.0005
				5/8/08	0.0003	0.0005	0.0004	0.0013	0.0004	0.0073	0.001	0.005	0.0053	0.0036	0.0045	0.011	0.0011	0.0001

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Barium	0.100	NE	2.0	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07							0.100		0.112	0.144				
				11/16/07		0.0624		0.0969	0.357	0.0046	0.207	0.115	0.233	0.136	0.214		0.126	0.571
				5/8/08	0.0111	0.0275	0.016	0.0518	0.004	0.394	0.203	0.101	0.065	0.031	0.127	0.174	0.0712	0.063
Barium (Dissolved)				05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
Not Tested				5/14/03														
Not Tested				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
Beryllium	0.001	0.004	NE	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04							0.002							
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07														
				11/16/07		0.0006					0.0008	0.0001	0.0009	0.0001	0.0001			0.0001
				5/8/08		0.001		0.0001			0.0004	0.0001	0.0001	0.0001	0.0001	0.0007	0.0001	0.0001

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Beryllium (Dissolved)				05/16/01														
				11/12/01														
				05/02/02														
Not Tested				11/27/02										0.002				
Not Tested				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
Cadmium	0.001	NE	0.00175	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04												0.004		
				11/05/04														
				5/31/05														
				11/04/05												0.001		
				5/30/06											0.001	0.003		
				11/02/06		0.001		0.001						0.001		0.005	0.002	0.001
				5/16/07	0.001													0.001
				11/16/07		0.0007		0.0003	0.0007	0.0005	0.0005	0.0006	0.0006	0.0004	0.0003		0.0001	0.0002
				5/8/08	0.0001	0.0006	0.00035	0.0001	00001	0.0001	0.0002	0.0001	0.0004	0.0004	0.0001	0.0004	0.0001	0.0001
Cobalt	0.010	0.002	NE	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02				0.019										
				5/14/03				0.016						0.011	0.017			
				11/13/03										0.052				
				5/20/04										0.023				
				11/05/04				0.011					0.021					
				5/31/05									0.012	0.015				
				11/04/05				0.013					0.029					
				5/30/06									0.017	0.011				
				11/02/06											0.043			
				5/16/07										0.012	*0.038*			
				11/16/07		0.0015		*0.0093*	*0.0094*		0.001	*0.0023*	*0.0063*	*0.017*			0.0008	0.0007
				5/8/08	0.0001	0.0008	0.0001	0.0013	0.0001	*0.013*	0.001	0.0017	0.0017	*0.0026*	*0.019*	0.0012	0.0008	0.001

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Cobalt (Dissolved)				05/16/01														
				11/12/01														
Not Tested				05/02/02														
Not Tested				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
Copper	0.010	NE	1.0	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07		0.0017		0.002	0.0018	0.0013	0.0023	0.0016	0.0067	0.0027	0.0016		0.0019	0.0006
				5/8/08	0.0004	0.0015	0.0007	0.001	0.0008	0.0013	0.0007	0.0009	0.0021	0.002	0.0009	0.0055	0.0008	0.0006
Copper (Dissolved)				05/16/01														
				11/12/01														
				05/02/02														
Not Tested				11/27/02														
Not Tested				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Chromium (total)	0.010	NE	0.05	05/16/01			0.029											
				11/12/01														
				05/02/02				*0.085*			0.029			0.015				
				11/27/02	*0.083*			*0.069*			0.042							
				5/14/03			0.024				0.013							
				11/13/03									0.011					
				5/20/04	0.022	0.015		0.042					0.015		*0.122*			
				11/05/04				0.033			0.012		0.022		0.010			
				5/31/05			0.011	0.033			0.025		0.020		0.025			
				11/04/05				0.015			0.300		0.011	0.040				
				5/30/06														
				11/02/06									0.012					
				5/16/07														
				11/16/07		0.0003		0.0005	0.0012		0.0027	0.0004	0.013	0.0013	0.001		0.0015	
				5/8/08	0.0003	0.0002	0.0003	0.0006	0.0002	0.0015	0.0012	0.0012	0.0031	0.0011	0.0011	0.008	0.0011	0.0004
Lead	0.010	NE	0.015	05/16/01				*0.029*										
				11/12/01				*0.027*			0.011							
				05/02/02							0.013							
				11/27/02														
				5/14/03														
				11/13/03				*0.022*										
				5/20/04				*0.020*							*0.028*			
				11/05/04							*0.025*							
				5/31/05							*0.019*					0.014		
				11/04/05														
				5/30/06							0.014							
				11/02/06														
				5/16/07														
				11/16/07		0.0013		0.0003	0.0001	0.0001	0.0072	0.0004	0.0059	0.0003	0.0003		0.0016	0.0002
				5/8/08		0.0016	0.0002	0.0005		0.0001	0.0048	0.0004	0.0005	0.0007	0.0002	*0.025*	0.0007	0.0003

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Nickel	0.050	NE	0.1	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07														
				11/16/07		0.0033		0.0036	0.0059	0.0016	0.0027	0.0091	0.0091	0.0075	0.0053		0.0029	0.0007
				5/8/08	0.0009	0.0052	0.0014	0.0021	0.0005	0.0074	0.0023	0.0043	0.0032	0.002	0.0078	0.0035	0.0014	0.0008
Nickel (Dissolved)				05/16/01														
				11/12/01														
Not Tested				05/02/02														
Not Tested				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
Selenium	0.010	NE	0.05	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07														
				11/16/07		0.0019		0.0023	0.0056			0.0023	0.0079	0.006	0.0047		0.0022	
				5/8/08	0.0003	0.0019	0.0002	0.0012	0.0003		0.0009	0.0025	0.0017	0.0017	0.0059	0.0013	0.0009	0.0002

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Silver	0.010	NE	0.018	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07														
				11/16/07														
				5/8/08		0.0002	0.0001	0.0001		0.0001	0.0001	0.0001	0.0001			0.0001		0.0001
Thallium	0.005	0.00028	NE	05/16/01														
				11/12/01														
				05/02/02														
				11/27/02														
				5/14/03														
				11/13/03														
				5/20/04														
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07														
				11/16/07				0.0002					0.0002					
				5/8/08		0.0001		0.0001		0.0001	0.0001	0.0001	0.0002	0.0001		0.0002		

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Vanadium	0.025	0.025	NE	05/16/01	0.048													
				11/12/01														
				05/02/02				0.124										
				11/27/02				0.098										
				5/14/03														
				11/13/03														
				5/20/04											0.115			
				11/05/04														
				5/31/05				0.044			0.045							
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07														
				11/16/07		0.0015		0.0009	0.0017	0.0007	0.0069	0.0016	0.017	0.0025	0.0014		0.002	0.0007
				5/8/08		0.0008				0.0011	0.0034	0.0012	0.0046	0.0031	0.001	*0.040*	0.0014	0.0008
Zinc	0.010	NE	1.05	05/16/01	0.053													
				11/12/01														
				05/02/02														
				11/27/02				0.099										
				5/14/03				0.057										
				11/13/03														
				5/20/04											0.134			
				11/05/04														
				5/31/05														
				11/04/05														
				5/30/06														
				11/02/06														
				5/16/07	0.016		0.019									0.026		0.015
				11/16/07		0.0079		0.0033	0.008	0.0036	0.016	0.0059	0.020	0.0034	0.0051		0.024	0.071
				5/8/08	0.001	0.0045	0.0022	0.0019	0.0016	0.0026	0.0078	0.0041	0.003	0.0034	0.0027	0.043	0.0078	0.019

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
pH				05/16/01	8.4	6.1		5.6			5.9		5.5	5.4			5.6	
				11/12/01		6.1	7.4	5.5			5.8		5.7	5.9		6.1	5.8	
				05/02/02		5.6		5.6			5.2		5.5	5.4		NA	5.8	
				11/27/02		5.6		5.8			5.8	6.8	5.8	6.1	7.3	5.7	5.8	6.4
				5/14/03	8.4	5.5		6.2			5.3	6.7	6.2	5.4	6.8	5.3	6.1	5.8
				11/13/03		4.9	7.8	4.9			5.3	6.3	6.6	4.6	6.1	6.0	6.1	6.0
				5/20/04		5.8		5.8			5.9	6.1	6.7	6.2	6.2	5.9	6.5	5.9
				11/05/04		5.9		6.5			6.2	6.2	6.8	6.3	6.3	6.2	6.7	7.1
				5/31/05		6.0	8.2	6.5			5.8	6.3	6.8	6.2	5.9	6.7	6.8	6.3
				11/04/05		5.7		6.4			5.8	6.4	6.7	6.4	6.2	6.6	6.6	5.9
				5/30/06		6.1		6.1			6.0	6.8	6.8	6.7	6.1	5.5	7.0	6.4
				11/02/06		5.3	7.6	5.8			5.9	6.9	6.5	6.4	6.2	6.3	6.5	6.0
				5/16/07	7.4	5.9		5.9			6.1	6.9	6.7	6.8	6.3	6.3	6.8	6.4
				11/16/07		6.4	5.9	6.5	6.7	7.9	6.0	6.5	7.1	6.8	6.5	6.5	7.1	7.0
				5/8/08	7.1	6.1	7.4	6.3	6.6	7.8	5.9	6.9	6.8	6.5	6.4	6.0	6.9	6.2
Specific Conductance, µmho/cm				05/16/01		430		420			250		320	280			420	
				11/12/01	400	510	470	320			110		320	360		430	160	
				05/02/02		360		210			250		190	260		NA	110	
				11/27/02		607		300			220	353	285	310	342	110	254	191
				5/14/03		635		247			436	285	1026	310	233	209	149	131
				11/13/03	382	596	438	307			193	252	177	1074	196	142	196	159
				5/20/04		495		1301			178	380	4120	1316	239	134	331	119
				11/05/04		721		170711			242	578	1779	1101	414	130	443	125
				5/31/05		689		883			257	962	2740	969	508	112	348	200
				11/04/05		614	490	687			281	783	393	661	285	125	1245	1310
				5/30/06		570		421			195	969	2064	1670	854	1305	263	1450
				11/02/06		885	492	280			166	828	787	1203	882	129	163	125
				5/16/07		906		282			170	656	864	1960	1456	105	198	157
				11/16/07	416	821	494	912	1399	553	332	905	1711	1395	1602	168	879	123
				5/8/08	416	1116	494	426	1553	536	398	873	553	502	1333	189	245	147

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
Static Water Level, depth in feet (toc)				05/16/01		8.91	12.69	10.90			6.94		9.84	8.66		Denotes record minimum water level (deep)	Denotes record maximum water level (shallow)	
				11/12/01	10.02	10.08		11.74			7.47		10.46	9.32				
				05/02/02		7.85		10.53			6.62		9.73	8.51				
				11/27/02		8.56		11.49			6.76	6.98	10.30	9.07	10.18			
				5/14/03		7.83	12.06	10.20			6.60	6.18	9.46	8.48	9.36			
				11/13/03	9.16	7.34		10.38			6.46	6.38	9.28	8.16	9.58			
				5/20/04		8.49		10.74			6.80	6.61	9.55	8.50	9.61			
				11/05/04		8.90		11.26			6.96	7.12	9.87	8.79	10.29			
				5/31/05		8.28		10.55			6.73	6.61	9.37	8.30	9.79			
				11/04/05		7.41		9.89			6.40	6.10	9.00	7.98	9.40			
				5/30/06		8.46	12.35	10.87			6.74	6.80	9.63	8.51	10.00			
				11/02/06		7.20		10.15			6.43	6.32	9.08	7.99	9.65			
				5/16/07	8.62	7.27	11.95	10.30			6.50	6.31	9.18	8.00	9.58			
				11/16/07		9.88		11.88	12.74	13.75	7.68	7.43	10.38	9.42	10.58			
				5/8/08	8.90	9.86	12.28	10.51	12.00	12.50	6.58	6.60	9.45	8.40	9.86			
Turbidity, NTU				05/16/01														
Not Tested				11/12/01														
Not Tested				05/02/02														
Not Tested				11/27/02	16													
				5/14/03		9.2		9			7.2	2.3	5.9	17	250			
				11/13/03		4.0	190	270			2.7	17	7.6	22	196			
				5/20/04		23		32			170	18	80	33	250			
				11/05/04		13		390			600	40	55	90	80			
				5/31/05		23		250		11	250	45	46	45	37			
				11/04/05		17	54	180	60		120	115	39	110	75			
				5/30/06		11		31			9.5	37	35	194	10			
				11/02/06	14	33	14	11			65	22	3.5	80	12			
				5/16/07		160		17			80	40	23	300	55			
				11/16/07		36	25	28			370	190	280	360	170			
				5/8/08	23	70	3.5	9.6	<1	320	100	200	25	230	220			
Acetone	0.100	NE	0.700	5/16/07	0.247													
				6/28/07	0.020													
				11/16/07				0.0022	0.0033			0.0018	0.0027	0.0017	0.0023		0.0023	0.0022
				5/8/08	0.0021	0.0033	0.0025	0.0027	0.0056	0.0035	0.0031	0.0041	0.0045	0.0034	0.0045	0.0045	0.0055	0.0038
Benzene	0.001	NE	0.001	11/16/07					0.001				0.0002	0.0003	0.0007			
				5/8/08					*0.0011*						0.0005			
Chloroethane	0.010	2.8	2.8	11/16/07		0.0003		0.0004	0.0007			0.0003						
				5/8/08														
Chloromethane	0.001	0.0026	0.0026	11/16/07								0.0002						
				5/8/08	0.0003					0.0002	0.0002		0.0002				0.0003	

Constituent	SWSL (PQL)	SWS Groundwater Protection Standard	NC 2L Standard	Sampling Date	MW-1d BG	MW-1s BG	MW-2d	MW-2s	MW-3s	MW-3d	MW-4	MW-5	MW-6	MW-7	MW-8	SW-1 BG	SW-2	SW-3
1,2-Dichloroethane	0.001	NE	0.00038	11/16/07 5/8/08					*0.0004* 0.0004									
Cis-1,2-Dichloroethene	0.005	NE	0.070	11/16/07 5/8/08					0.0002 0.0002						0.0002 0.0002			
Ethylbenzene	0.001	NE	0.550	11/16/07 5/8/08				0.0003	0.0004 0.0003									
Methylene Chloride	0.001	NE	0.0046	11/16/07 5/8/08			0.0002	0.0002	0.0003 0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002 0.0002	0.0002	0.0002	0.0002
Methyl ethyl ketone (2-butanone)	0.100	NE	4.2	5/16/07 6/28/07 5/8/08	*129* 0.066	0.0009	0.0009		0.0011	0.001					0.0011	0.0012	0.0017	
Toluene	0.001	NE	1.0	11/16/07 5/8/08					0.0002 0.0003									
Vinyl Chloride	0.001	NE	0.000015	11/16/07 5/8/08					*0.0004*									

Notes: The wells denoted "d" monitor the deeper regional aquifer (Yorktown Formation); wells denoted "s" and all others monitor the uppermost (surficial) aquifer
Certain inorganic constituents (e.g., chromium and lead) are believed to be tied to turbidity, subject to further evaluation
Wells MW-1d, MW-2d, and MW-3d are tested on a bi-annual basis SWSL – Solid Waste Section Limit NE – Not Established

Table 3

Analytical Constituents w/ CAS Numbers
C&D Landfill, Inc.
Pitt County, North Carolina

Monitored Analyte		CAS number
Antimony		7440-36-0
Arsenic		7440-38-2
Barium		7440-39-3
Beryllium		7440-41-7
Cadmium		7440-43-9
Cobalt		7440-48-4
Copper		7440-50-8
Total Chromium		7440-47-3
Iron		7439-89-6
Lead		7439-92-1
Manganese		7439-96-5
Mercury		7439-97-6
Nickel		7440-2-0
Selenium		7782-49-2
Silver		7440-22-4
Thallium		7440-28-0
Vanadium		7440-62-2
Zinc		7440-66-6
Alkalinity		SW337*
Chloride		SW301*
Sulfate		14808-79-8
Total Dissolved Solids		SW311*
Chloromethane		106-50-3
Vinyl Chloride		75-1-4
Bromomethane		74-83-9
Chloroethane		75-0-3
Trichlorofluoromethane		75-69-4
1,1-Dichloroethene		75-35-4
Acetone		67-64-1
Iodomethane		74-88-4
Carbon Disulfide		75-15-0
Methylene Chloride		75-9-2
trans-1,2-Dichloroethene		156-60-5
1,1-Dichloroethane		75-34-3
Vinyl Acetate		108-5-4
Cis-1,2-Dichloroethene		156-59-2
2-Butanone		78-93-3

Bromochloromethane		74-97-5
Chloroform		67-66-3
1,1,1-Trichloroethane		71-55-6
Carbon Tetrachloride		56-23-5
Benzene		71-43-2
1,2-Dichloroethane		107-6-2
Trichloroethene		79-1-6
1,2-Dichloropropane		78-87-5
Bromodichloromethane		75-27-4
Cis-1,3-Dichloropropene		10061-1-5
4-Methyl-2-Pentanone		108-10-1
Toluene		108-88-3
trans-1,3-Dichloropropene		10061-2-6
1,1,2-Trichloroethane		79-0-5
Tetrachloroethene		127-18-4
2-Hexanone		591-78-6
Dibromochloromethane		124-48-1
1,2-Dibromoethane		106-93-4
Chlorobenzene		108-90-7
1,1,1,2-Tetrachloroethane		630-20-6
Ethylbenzene		100-41-4
Xylenes		1330-20-7
Dibromomethane		74-95-3
Styrene		100-42-5
Bromoform		75-25-2
1,1,2,2-Tetrachloroethane		79-34-5
1,4-Dichlorobenzene		106-46-7
1,2-Dichlorobenzene		95-50-1
1,2-Dibromo-3-Chloropropane		96-12-8
Acrylonitrile		107-13-1
trans-1,4-Dichloro-2-Butene		110-57-6
Chloromethane		106-50-3
Vinyl Chloride		75-1-4
Bromomethane		74-83-9
Chloroethane		75-0-3
Trichlorofluoromethane		75-69-4
1,1-Dichloroethene		75-35-4
Acetone		67-64-1
Iodomethane		74-88-4
Carbon Disulfide		75-15-0
Methylene Chloride		75-9-2
trans-1,2-Dichloroethene		156-60-5
1,1-Dichloroethane		75-34-3
Vinyl Acetate		108-5-4
Cis-1,2-Dichloroethene		156-59-2
2-Butanone		78-93-3
Bromochloromethane		74-97-5
Chloroform		67-66-3

1,1,1-Trichloroethane		71-55-6
Carbon Tetrachloride		56-23-5
Benzene		71-43-2
1,1,2-Dichloroethane		107-6-2
Trichloroethene		79-1-6
1,1,2-Dichloropropane		78-87-5
Bromodichloromethane		75-27-4
Cis-1,3-Dichloropropene		10061-1-5
4-Methyl-2-Pentanone		108-10-1
Toluene		108-88-3
trans-1,3-Dichloropropene		10061-2-6
1,1,2-Trichloroethane		79-0-5
Tetrachloroethene		127-18-4
2-Hexanone		591-78-6
Dibromochloromethane		124-48-1
1,2-Dibromoethane		106-93-4
Chlorobenzene		108-90-7
1,1,1,2-Tetrachloroethane		630-20-6
Ethylbenzene		100-41-4
Xylenes		1330-20-7
Dibromomethane		74-95-3
Styrene		100-42-5
Bromoform		75-25-2
1,1,2,2-Tetrachloroethane		79-34-5
1,2,3-Trichloropropane		96-18-4
1,4-Dichlorobenzene		106-46-7
1,2-Dichlorobenzene		95-50-1
1,2-Dibromo-3-Chloropropane		96-12-8
Acrylonitrile		107-13-1
trans-1,4-Dichloro-2-Butene		110-57-6

* Solid Waste Section ID Number

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

ID#: 6003

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 05/08/08
DATE REPORTED : 06/04/08

REVIEWED BY:

PARAMETERS	MDL	SWSL	Well #4	Well #5	Well #6	Well #7	Well #8	Analysis Date	Analyst	Method Code
PH (field measurement), Units			5.9	6.9	6.8	6.5	6.4	05/08/08	RJH	SM4500HB
Antimony, ug/l	0.44	6.0	0.1 J	0.5 J	0.2 J	0.2 J	0.1 J	05/20/08	LFJ	EPA200.8
Arsenic, ug/l	0.57	10.0	1.0 J	5.0 J	5.3 J	3.6 J	4.5 J	05/20/08	LFJ	EPA200.8
Barium, ug/l	0.11	100.0	203	101	65 J	31 J	127	05/20/08	LFJ	EPA200.8
Beryllium, ug/l	0.06	1.0	0.4 J	0.1 J	0.1 J	0.1 J	0.1 J	05/20/08	LFJ	EPA200.8
Cadmium, ug/l	0.05	1.0	0.2 J	0.1 J	0.4 J	0.4 J	0.1 J	05/20/08	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	1.0 J	1.7 J	1.7 J	2.6 J	19	05/20/08	LFJ	EPA200.8
Copper, ug/l	0.05	10.0	0.7 J	0.9 J	2.1 J	2.0 J	0.9 J	05/20/08	LFJ	EPA200.8
Total Chromium, ug/l	0.11	10.0	1.2 J	1.2 J	3.1 J	1.1 J	1.1 J	05/20/08	LFJ	EPA200.8
Lead, ug/l	0.32	10.0	4.8 J	0.4 J	0.5 J	0.7 J	0.2 J	05/20/08	LFJ	EPA200.8
Nickel, ug/l	0.06	50.0	2.3 J	4.3 J	3.2 J	2.0 J	7.8 J	05/20/08	LFJ	EPA200.8
Selenium, ug/l	0.51	10.0	0.9 J	2.5 J	1.7 J	1.7 J	5.9 J	05/20/08	LFJ	EPA200.8
Silver, ug/l	0.04	10.0	0.1 J	0.1 J	0.1 J	--- U	--- U	05/20/08	LFJ	EPA200.8
Thallium, ug/l	0.63	5.0	0.1 J	0.1 J	0.2 J	0.1 J	--- U	05/20/08	LFJ	EPA200.8
Vanadium, ug/l	0.07	25.0	3.4 J	1.2 J	4.6 J	3.1 J	1.0 J	05/20/08	LFJ	EPA200.8
Zinc, ug/l	0.04	10.0	7.8 J	4.1 J	3.0 J	3.4 J	2.7 J	05/20/08	LFJ	EPA200.8
Turbidity, NTU	1.0	1.0	100	200	25	230	220	05/09/08	MDM	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	398	873	553	502	1333	05/08/08	RJH	SM2510B
Temperature, °C			16	17	16	16	17	05/08/08	RJH	SM2550B
Static Water Level, feet			6.58	6.60	9.45	8.40	9.86	05/08/08	RJH	
Well Depth, feet			15.98	21.06	16.65	16.33	20.36	05/08/08	RJH	

J = Between MDL and SWSL, U = Below ALL Quanititation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
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ID#: 6003

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 05/08/08
DATE REPORTED : 06/04/08

REVIEWED BY: _____

PARAMETERS	MDL	SWSL	SW-1	SW-2	SW-3	Well #1 Shallow	Well #1 Deep	Analysis Date	Analyst	Method Code
PH (field measurement), Units			6.0	6.9	6.2	6.1	7.1	05/08/08	RJH	SM4500HB
Antimony, ug/l	0.08	6.0	0.2 J	--- U	--- U			05/20/08	LFJ	EPA200.8
Antimony, ug/l	0.08	6.0				0.2 J	--- U	05/13/08	CMF	EPA200.8
Arsenic, ug/l	0.07	10.0	11	1.1 J	0.1 J			05/20/08	LFJ	EPA200.8
Arsenic, ug/l	0.07	10.0				0.5 J	0.3 J	05/13/08	CMF	EPA200.8
Barium, ug/l	0.11	100.0	174	71.2 J	63 J			05/20/08	LFJ	EPA200.8
Barium, ug/l	0.11	100.0				27.5 J	11.1 J	05/13/08	CMF	EPA200.8
Beryllium, ug/l	0.06	1.0	0.7 J	0.1 J	0.1 J			05/20/08	LFJ	EPA200.8
Beryllium, ug/l	0.06	1.0				1	--- U	05/13/08	CMF	EPA200.8
Cadmium, ug/l	0.04	1.0	0.4 J	0.1 J	0.1 J			05/20/08	LFJ	EPA200.8
Cadmium, ug/l	0.04	1.0				0.6 J	0.1 J	05/13/08	CMF	EPA200.8
Cobalt, ug/l	0.03	10.0	1.2 J	0.8 J	1.0 J			05/20/08	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0				0.8 J	0.1 J	05/13/08	CMF	EPA200.8
Copper, ug/l	0.05	10.0	5.5 J	0.8 J	0.6 J			05/20/08	LFJ	EPA200.8
Copper, ug/l	0.05	10.0				1.5 J	0.4 J	05/13/08	CMF	EPA200.8
Total Chromium, ug/l	0.11	10.0	8.0 J	1.1 J	0.4 J			05/20/08	LFJ	EPA200.8
Total Chromium, ug/l	0.11	10.0				0.2 J	0.3 J	05/13/08	CMF	EPA200.8
Lead, ug/l	0.04	10.0	25	0.7 J	0.3 J			05/20/08	LFJ	EPA200.8
Lead, ug/l	0.04	10.0				1.6 J	--- U	05/13/08	CMF	EPA200.8
Nickel, ug/l	0.06	50.0	3.5 J	1.4 J	0.8 J			05/20/08	LFJ	EPA200.8
Nickel, ug/l	0.06	50.0				5.2 J	0.9 J	05/13/08	CMF	EPA200.8
Selenium, ug/l	0.14	10.0	1.3 J	0.9 J	0.2 J			05/20/08	LFJ	EPA200.8
Selenium, ug/l	0.14	10.0				1.9 J	0.3 J	05/13/08	CMF	EPA200.8
Silver, ug/l	0.04	10.0	0.1 J	--- U	0.1 J			05/20/08	LFJ	EPA200.8
Silver, ug/l	0.04	10.0				0.2 J	--- U	05/13/08	CMF	EPA200.8
Thallium, ug/l	0.04	5.0	0.2 J	--- U	--- U			05/20/08	LFJ	EPA200.8
Thallium, ug/l	0.04	5.0				0.1 J	--- U	05/13/08	CMF	EPA200.8
Vanadium, ug/l	0.07	25.0	40	1.4 J	0.8 J			05/20/08	LFJ	EPA200.8
Vanadium, ug/l	0.07	25.0				0.8 J	--- U	05/13/08	CMF	EPA200.8
Zinc, ug/l	0.04	10.0	43	7.8 J	19			05/20/08	LFJ	EPA200.8
Zinc, ug/l	0.04	10.0				4.5 J	1.0 J	05/13/08	CMF	EPA200.8
Turbidity, NTU	1.0	1.0				70	2.3	05/09/08	MDM	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	189	245	147	1116	416	05/08/08	RJH	SM2510B
Temperature, °C			19	19	20	16	17	05/08/08	RJH	SM2550B
Static Water Level, feet						9.86	8.90	05/08/08	RJH	
Well Depth, feet						17.21	42.06	05/08/08	RJH	

J = Between MDL and SWSL, U = Below ALL Quanititation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

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ID#: 6003

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH ,NC 27604

DATE COLLECTED: 05/08/08
DATE REPORTED : 06/04/08

REVIEWED BY:

PARAMETERS	MDL	SWSL	Well #2 Shallow	Well #2 Deep	Well #3 Shallow	Well #3 Deep	Analysis Date	Analyst	Method Code
PH (field measurement), Units			6.3	7.4	6.6	7.8	05/08/08	RJH	SM4500HB
Antimony, ug/l	0.08	6.0	--- U	--- U		--- U	05/13/08	CMF	EPA200.8
Antimony, ug/l	0.08	6.0			0.1 J		05/20/08	LFJ	EPA200.8
Arsenic, ug/l	0.07	10.0	1.3 J	0.4 J		0.4 J	05/13/08	CMF	EPA200.8
Arsenic, ug/l	0.07	10.0			7.3 J		05/20/08	LFJ	EPA200.8
Barium, ug/l	0.11	100.0	51.8 J	16.0 J		4.0 J	05/13/08	CMF	EPA200.8
Barium, ug/l	0.11	100.0			394		05/20/08	LFJ	EPA200.8
Beryllium, ug/l	0.06	1.0	0.1 J	--- U		--- U	05/13/08	CMF	EPA200.8
Beryllium, ug/l	0.06	1.0			--- U		05/20/08	LFJ	EPA200.8
Cadmium, ug/l	0.04	1.0	0.1 J	0.3 J		0.1 J	05/13/08	CMF	EPA200.8
Cadmium, ug/l	0.04	1.0			0.1 J		05/20/08	LFJ	EPA200.8
Cobalt, ug/l	0.03	10.0	1.3 J	0.1 J		0.1 J	05/13/08	CMF	EPA200.8
Cobalt, ug/l	0.03	10.0			13		05/20/08	LFJ	EPA200.8
Copper, ug/l	0.05	10.0	1.0 J	0.7 J		0.8 J	05/13/08	CMF	EPA200.8
Copper, ug/l	0.05	10.0			1.3 J		05/20/08	LFJ	EPA200.8
Total Chromium, ug/l	0.11	10.0	0.6 J	0.3 J		0.2 J	05/13/08	CMF	EPA200.8
Total Chromium, ug/l	0.11	10.0			1.5 J		05/20/08	LFJ	EPA200.8
Lead, ug/l	0.04	10.0	0.5 J	0.2 J		--- U	05/13/08	CMF	EPA200.8
Lead, ug/l	0.04	10.0			0.1 J		05/20/08	LFJ	EPA200.8
Nickel, ug/l	0.06	50.0	2.1 J	1.4 J		0.5 J	05/13/08	CMF	EPA200.8
Nickel, ug/l	0.06	50.0			7.4 J		05/20/08	LFJ	EPA200.8
Selenium, ug/l	0.14	10.0	1.2 J	0.2 J		0.3 J	05/13/08	CMF	EPA200.8
Selenium, ug/l	0.14	10.0			--- U		06/03/08	CMF	SM3113B
Silver, ug/l	0.04	10.0	0.1 J	0.1 J		--- U	05/13/08	CMF	EPA200.8
Silver, ug/l	0.04	10.0			0.1 J		05/20/08	LFJ	EPA200.8
Thallium, ug/l	0.04	5.0	0.1 J	--- U		--- U	05/13/08	CMF	EPA200.8
Thallium, ug/l	0.04	5.0			0.1 J		05/20/08	LFJ	EPA200.8
Vanadium, ug/l	0.07	25.0	--- U	--- U		--- U	05/13/08	CMF	EPA200.8
Vanadium, ug/l	0.07	25.0			1.1 J		05/20/08	LFJ	EPA200.8
Zinc, ug/l	0.04	10.0	1.9 J	2.2 J		1.6 J	05/13/08	CMF	EPA200.8
Zinc, ug/l	0.04	10.0			2.6 J		05/20/08	LFJ	EPA200.8
Turbidity, NTU	1.0	1.0	9.6	3.5	--- U	320	05/09/08	MDM	SM2130B
Conductivity (at 25c), uMhos	1.0	1.0	426	494	1553	536	05/08/08	RJH	SM2510B
Temperature, °C			16	16	16	16	05/08/08	RJH	SM2550B
Static Water Level, feet			10.51	12.28	12.00	12.50	05/08/08	RJH	
Well Depth, feet			16.57	39.48	22.24	52.91	05/08/08	RJH	

J = Between MDL and SWSL, U = Below ALL Quanititation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: MAO
DATE COLLECTED: 05/08/08
DATE ANALYZED: 05/20/08
DATE REPORTED: 06/04/08

REVIEWED BY: _____

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	Well #4	Well #5	Well #6	Well #7	Well #8
1. Chloromethane	0.18	1.0	0.20 J	--- U	0.20 J	--- U	--- U
2. Vinyl Chloride	0.34	1.0	--- U	--- U	--- U	--- U	--- U
3. Bromomethane	0.26	10.0	--- U	--- U	--- U	--- U	--- U
4. Chloroethane	0.29	10.0	--- U	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U	--- U
7. Acetone	1.21	100.0	3.10 J	4.10 J	4.50 J	3.40 J	4.50 J
8. Iodomethane	0.12	10.0	--- U	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.14	100.0	--- U	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.14	1.0	0.20 J	0.20 J	0.20 J	0.20 J	0.30 J
11. trans-1,2-Dichloroethene	0.13	5.0	--- U	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.16	5.0	--- U	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U	0.20 J
15. 2-Butanone	0.85	100.0	1.00 J	--- U	--- U	--- U	1.10 J
16. Bromochloromethane	0.11	3.0	--- U	--- U	--- U	--- U	--- U
17. Chloroform	0.13	5.0	--- U	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.11	1.0	--- U	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.13	1.0	--- U	--- U	--- U	--- U	--- U
20. Benzene	0.16	1.0	--- U	--- U	--- U	--- U	0.50 J
21. 1,2-Dichloroethane	0.12	1.0	--- U	--- U	--- U	--- U	--- U
22. Trichloroethene	0.13	1.0	--- U	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.17	1.0	--- U	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.17	1.0	--- U	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	0.68	100.0	--- U	--- U	--- U	--- U	--- U
27. Toluene	0.13	1.0	--- U	--- U	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.14	1.0	--- U	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.20	1.0	--- U	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.00	50.0	--- U	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.14	3.0	--- U	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.13	3.0	--- U	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.14	5.0	--- U	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
37. Xylenes	0.48	5.0	--- U	--- U	--- U	--- U	--- U
38. Dibromomethane	0.17	10.0	--- U	--- U	--- U	--- U	--- U
39. Styrene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
40. Bromoform	0.11	3.0	--- U	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.16	3.0	--- U	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.06	1.0	--- U	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.21	1.0	--- U	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.13	5.0	--- U	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.26	13.0	--- U	--- U	--- U	--- U	--- U
46. Acrylonitrile	1.49	200.0	--- U	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.14	100.0	--- U	--- U	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quanititation Limits.

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

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CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
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5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: MAO
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VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	SW-1	SW-2	SW-3	Well #1 Shallow	Well #1 Deep
1. Chloromethane	0.18	1.0	--- U	0.30 J	--- U	--- U	0.30 J
2. Vinyl Chloride	0.34	1.0	--- U	--- U	--- U	--- U	--- U
3. Bromomethane	0.26	10.0	--- U	--- U	--- U	--- U	--- U
4. Chloroethane	0.29	10.0	--- U	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U	--- U
7. Acetone	1.21	100.0	4.50 J	5.50 J	3.80 J	3.30 J	2.10 J
8. Iodomethane	0.12	10.0	--- U	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.14	100.0	--- U	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.14	1.0	0.20 J	0.20 J	0.20 J	--- U	--- U
11. trans-1,2-Dichloroethene	0.13	5.0	--- U	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.16	5.0	--- U	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U	--- U
15. 2-Butanone	0.85	100.0	1.20 J	1.70 J	--- U	0.90 J	--- U
16. Bromochloromethane	0.11	3.0	--- U	--- U	--- U	--- U	--- U
17. Chloroform	0.13	5.0	--- U	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.11	1.0	--- U	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.13	1.0	--- U	--- U	--- U	--- U	--- U
20. Benzene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
21. 1,2-Dichloroethane	0.12	1.0	--- U	--- U	--- U	--- U	--- U
22. Trichloroethene	0.13	1.0	--- U	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.17	1.0	--- U	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.17	1.0	--- U	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	0.68	100.0	--- U	--- U	--- U	--- U	--- U
27. Toluene	0.13	1.0	--- U	--- U	--- U	--- U	--- U
28. trans-1,3-Dichloropropene	0.14	1.0	--- U	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.20	1.0	--- U	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.00	50.0	--- U	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.14	3.0	--- U	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.13	1.0	--- U	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.13	3.0	--- U	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.14	5.0	--- U	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
37. Xylenes	0.48	5.0	--- U	--- U	--- U	--- U	--- U
38. Dibromomethane	0.17	10.0	--- U	--- U	--- U	--- U	--- U
39. Styrene	0.16	1.0	--- U	--- U	--- U	--- U	--- U
40. Bromoform	0.11	3.0	--- U	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.16	3.0	--- U	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.06	1.0	--- U	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.21	1.0	--- U	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.13	5.0	--- U	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.26	13.0	--- U	--- U	--- U	--- U	--- U
46. Acrylonitrile	1.49	200.0	--- U	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.14	100.0	--- U	--- U	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quanititation Limits.

Environment 1, Incorporated

Drinking Water ID: 3771
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH, NC 27604

CLIENT ID: 6003

ANALYST: MAO
DATE COLLECTED: 05/08/08
DATE ANALYZED: 05/20/08
DATE REPORTED: 06/04/08

REVIEWED BY: _____

VOLATILE ORGANICS
EPA METHOD 8260B

PARAMETERS, ug/l	MDL	SWSL	Well #2 Shallow	Well #2 Deep	Well #3 Shallow	Well #3 Deep
1. Chloromethane	0.18	1.0	--- U	--- U	--- U	0.20 J
2. Vinyl Chloride	0.34	1.0	--- U	--- U	--- U	--- U
3. Bromomethane	0.26	10.0	--- U	--- U	--- U	--- U
4. Chloroethane	0.29	10.0	--- U	--- U	--- U	--- U
5. Trichlorofluoromethane	0.13	1.0	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.14	5.0	--- U	--- U	--- U	--- U
7. Acetone	1.21	100.0	2.70 J	2.50 J	5.60 J	3.50 J
8. Iodomethane	0.12	10.0	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.14	100.0	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.14	1.0	0.20 J	0.20 J	0.20 J	0.20 J
11. trans-1,2-Dichloroethene	0.13	5.0	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.16	5.0	--- U	--- U	--- U	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.14	5.0	--- U	--- U	0.20 J	--- U
15. 2-Butanone	0.85	100.0	--- U	0.90 J	--- U	1.10 J
16. Bromochloromethane	0.11	3.0	--- U	--- U	--- U	--- U
17. Chloroform	0.13	5.0	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.11	1.0	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.13	1.0	--- U	--- U	--- U	--- U
20. Benzene	0.16	1.0	--- U	--- U	1.10	--- U
21. 1,2-Dichloroethane	0.12	1.0	--- U	--- U	0.40 J	--- U
22. Trichloroethene	0.13	1.0	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.17	1.0	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.13	1.0	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.17	1.0	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	0.68	100.0	--- U	--- U	--- U	--- U
27. Toluene	0.13	1.0	--- U	--- U	0.30 J	--- U
28. trans-1,3-Dichloropropene	0.14	1.0	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.20	1.0	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.16	1.0	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.00	50.0	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.14	3.0	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.13	1.0	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.13	3.0	--- U	--- U	--- U	--- U
35. 1,1,1,2-Tetrachloroethane	0.14	5.0	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.16	1.0	--- U	--- U	0.30 J	--- U
37. Xylenes	0.48	5.0	--- U	--- U	--- U	--- U
38. Dibromomethane	0.17	10.0	--- U	--- U	--- U	--- U
39. Styrene	0.16	1.0	--- U	--- U	--- U	--- U
40. Bromoform	0.11	3.0	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.16	3.0	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.06	1.0	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.21	1.0	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.13	5.0	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.26	13.0	--- U	--- U	--- U	--- U
46. Acrylonitrile	1.49	200.0	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.14	100.0	--- U	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below ALL Quanititation Limits.

En ent 1, Inc.
P.O. Box 7085, 114 Oakmont Dr.
Greenville, NC 27858

Phone (252) 756-6208 • Fax (252) 756-0633

CHAIN OF CUSTODY RECORD

CLIENT: 6003 **Week:** 23

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH NC 27604

(919) 231-1818

DISINFECTION: ☐ CHLORINE ☐ UV ☐ NONE ☐ _____

CHLORINE NEUTRALIZED AT COLLECTION																			
pH CHECK (LAB)																			
CONTAINER TYPE, P/G																			
CHEMICAL PRESERVATION																			
PARAMETERS																			
SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field pH	Metals	Turbidity	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	8260 Dup. 2					
							12					12	12	12					
						P	P	P	P	P		G	G	G					
						A	A	A	A	A		E	E	E					
Well #4	05/08/08	1100		16	6	G	G	G	G	G	G	G	G	G					
Well #5	05/08/08	0940		17	5	G	G	G	G	G	G	G	G						
Well #6	05/08/08	1025		16	5	G	G	G	G	G	G	G	G						
Well #7	05/08/08	1045		16	5	G	G	G	G	G	G	G	G						
Well #8	05/08/08	0900		17	5	G	G	G	G	G	G	G	G						
SW-1	05/08/08	1055		19	4	G	G		G	G		G	G						
SW-2	05/08/08	1010		19	4	G	G		G	G		G	G						
SW-3	05/08/08	1120		20	4	G	G		G	G		G	G						
Well #1 Shallow	05/08/08	0845		16	5	G	G	G	G	G	G	G	G						
Well #1 Deep	05/08/08	0830		17	5	G	G	G	G	G	G	G	G						
Well #2 Shallow	05/08/08	0955		16	5	G	G	G	G	G	G	G	G						

A - NONE D - NAOH
B - HNO_3 E - HCL
C - H_2SO_4 F - ZINC ACETATE
G - NA THIOSULFATE

CLASSIFICATION:
☐ WASTEWATER (NPDES)
☐ DRINKING WATER
☐ DWQ/GW
☒ SOLID WASTE SECTION

CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY
Y N

SAMPLES COLLECTED BY: (Please Print) H Jones / Fox

SAMPLES RECEIVED IN LAB AT 1.0 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
H Jones	05/08/08 1:05	B Jeffers	5/8 1:05
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

Instructions for completing this form are on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

№ 166130

FORM #5

E. vironment 1, Inc.
P.O. Box 7085, 114 Oakmont Dr.
Greenville, NC 27858

Phone (252) 756-6208 • Fax (252) 756-0633

CHAIN OF CUSTODY RECORD

CLIENT: 6003 **Week:** 23

JUDSON WHITEHURST (C&D LANDFILL)
C/O MR DAVID GARRETT
5105 HARBOUR TOWNE DRIVE
RALEIGH NC 27604

(919) 231-1818

DISINFECTION: ☐ CHLORINE ☐ UV ☐ NONE ☐ _____

SAMPLE LOCATION	COLLECTION DATE	COLLECTION TIME	TOTAL CHLORINE, mg/l AT COLLECTION	TEMPERATURE, °C AT COLLECTION	# OF CONTAINERS	Field pH	Metals	Turbidity	Conductivity	Temperature	Field Parameter	EPA 8260B	8260 Dup. 1	8260 Dup. 2
CHLORINE NEUTRALIZED AT COLLECTION														
pH CHECK (LAB)							12					12	12	12
CONTAINER TYPE, P/G						P	P	P	P	P		G	G	G
CHEMICAL PRESERVATION						A	A	A	A	A		E	E	E
Well #2 Deep	05 08 08	1005		16	5	G	G	G	G	G	G	G	G	
Well #3 Shallow	05 08 08	0920		16	5	G	G	G	G	G	G	G	G	
Well #3 Deep	05 08 08	0915		16	5	G	G	G	G	G	G	G	G	

PARAMETERS

A - NONE D - NAOH
B - HNO_3 E - HCL
C - H_2SO_4 F - ZINC ACETATE
G - NA THIOSULFATE

CLASSIFICATION:
☐ WASTEWATER (NPDES)
☐ DRINKING WATER
☐ DWQ/GW
☒ SOLID WASTE SECTION

CHAIN OF CUSTODY MAINTAINED DURING SHIPMENT/DELIVERY
(Y) N

SAMPLES COLLECTED BY: (Please Print) H Hogge / Fox

SAMPLES RECEIVED IN LAB AT 1.0 °C

RELINQUISHED BY (SIG.) (SAMPLER)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
Bob H Hogge	05 08 08 1:05	D Jefferson	5/8 1:05
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME
RELINQUISHED BY (SIG.)	DATE/TIME	RECEIVED BY (SIG.)	DATE/TIME

COMMENTS:

Instructions for completing this form are on the reverse side.

Sampler must place a "C" for composite sample or a "G" for Grab sample in the blocks above for each parameter requested.

№ 166129

FORM #5

Table of Values Which Exceed Established Standards And/Or Exceed Reporting Levels

Facility Name: JUDSON WHITEHURST (C&D LANDFILL) Permit #: 7406 Lab ID# 6003

Location	Collection Date	Exceeds Std	Parameter	CAS #	Result, ug/l	NC 2L STD **	NC GWP STD **	NC 2B SWS **
SW-1	05/08/2008		Arsenic	7440-38-2	11			50
SW-1	05/08/2008		Barium	7440-39-3	174			
SW-1	05/08/2008		Lead	7439-92-1	25			25
SW-1	05/08/2008		Vanadium	7440-62-2	40			
SW-1	05/08/2008		Zinc	7440-66-6	43			
SW-3	05/08/2008		Zinc	7440-66-6	19			
Well #1 Shallow	05/08/2008		Beryllium	7440-41-7	1		4	
Well #3 Shallow	05/08/2008		Barium	7440-39-3	394	2000		
Well #3 Shallow	05/08/2008		Cobalt	7440-48-4	13		70	
Well #3 Shallow	05/08/2008	Y	Benzene	71-43-2	1.10	1		
Well #4	05/08/2008		Barium	7440-39-3	203	2000		
Well #5	05/08/2008		Barium	7440-39-3	101	2000		
Well #8	05/08/2008		Barium	7440-39-3	127	2000		
Well #8	05/08/2008		Cobalt	7440-48-4	19		70	

** Note: NC 2L STD = NC 2L Ground Water Standard
NC GWP STD = NC Solid Waste Groundwater Protection Standard
NC 2B SWS = NC 2B Surface Water Standard